



09/683,111

Docket No. RD29,178

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joseph Leagrand Mundy et al.

Group Art Unit: 2882

Serial No.: 09/683,111

Examiner:

Filed: November 20, 2001

For METHOD AND SYSTEM FOR LUNG DISEASE
DETECTION

INFORMATION DISCLOSURE STATEMENT

- ☒ 1 **Pursuant to 37CFR 1.97(b)**
[within 3 months of national, non-CPA filing or prior to 1st Office Action] *no charge*
- ☐ 2 **Certification Pursuant to 37 CFR 1.97(c)(1)**
[before Final Office Action, Allowance, or other action closing prosecution] *no charge*
- ☐ 3 **Fee Payment Pursuant to 37 CFR 1.97(c)(2)**
[before Final Office Action, Allowance, or other action closing prosecution] *\$180.00*
- ☐ 4 **Certification & Fee Payment Pursuant to 37 CFR 1.97(d)**
[On or before issue fee payment] *\$180.00*

ATTN: BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The following are submitted in the above application in compliance with 37 CFR 1.97 and 37 CFR 1.98:

- ☒ 5 A list of documents on form PTO-1449 or Substitute together with copies of each identified document and a translation thereof or a concise explanation of each non-English language document or a Search Report from an International Searching Authority for a patent application filed via the Patent Cooperation Treaty or document(s) cited in the application or the priority application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.	
<u>8-22-03</u>	Date of Deposit
<u>Kathy L Parks</u>	Type or Print Name
<u>Kathy L Parks</u>	Signature

This paper is submitted in accordance with:

- ☒ 6 37 CFR 1.97(b): [within 3 months of national, non-CPA filing or prior to 1st Office Action]
- ☐ 7 37 CFR 1.97(c): [before Final Office Action, Allowance, or other action closing prosecution, whichever is earlier]; and
- ☐ 8 The required Certification made in item 11 below; or
- ☐ 9 The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 15 below.
- ☐ 10 37 CFR 1.97(d): [on or before issue fee payment]; and
- a) The required Certification is stated in item 11 below; and
- b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- ☒ 11 Certification
- ☒ 12 Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this Statement; or
- ☐ 13 No item contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing date of this Statement.
- ☒ 14 Payment of all applicable fees:
- ☒ 15 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0868

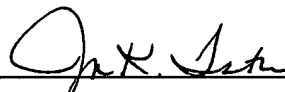
An original and two (2) copies of this document are enclosed.

Respectfully submitted,

8/21/03

Date

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CRD Patent Docket Rm 4A59
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Attorney - Jean K. Testa

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FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

RD29178

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT--
LIST OF ITEMS

Applicant

Joseph Leagrand Mundy et al.

Filing Date

11/20/01

Group

2882

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5	9	8	7	0	9	4	11/16/99	Clarke et al.	378	62	11/30/97
	AB	5	6	9	2	5	0	7	12/02/97	Seppi et al.	128	653.1	12/07/94
	AC												
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	AJ												
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	No
	AL													
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	AN													
	AO													
	AP													

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

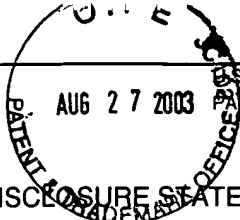
	AR	Knapman, John and Will Dickson, "Hierarchical Probabilistic Image Segmentation", IMAGE AND VISION COMPUTING, SEPT. 1994, UK, Vol. 12, No. 7, pp447-457.
	AS	Elliott, P.J and J.M. Knapman and W. Schegel, "Interactive Image Segmentation For Radiation Treatment Planning", IBM SYSTEMS JOURNAL, IBM CORP. ARMONK, NEW YORK, U.S., Vol. 31, No. 4, 1992, pp 620-634.
	AT	Matthew S. Brown et al., "Method For Segmenting Chest CT Image Data Using An Anatomical Model: Preliminary Results", IEEE TRANS ON MED IMAGING, IEEE INC, NEW YORK, U.S., Vol. 16, No. 6, 1December 1997, pp. 828-839.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)



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						YES	No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc)

AR	Atam P Dhawan et al., "Knowledge-based Analysis and Recognition of 3D Images of Human Chest-Cavity", VISUALIZATION IN BIOMEDICAL COMPUTING, 1990, PROCEEDINGS OF THE FIRST CONFERENCE ON ATLANTA, GA, USA 22-25 May 1990, pp. 162-169.
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AUG 27 2003

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	AA	6	5	7	4	3	0	4	06/03/03	Hsieh et al.	378	4	09/13/02
	AB	5	9	8	7	3	4	5	11/16/99	Engelmann et al.	600	407	11/29/96
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FOREIGN PATENT DOCUMENTS

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